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**Exhibit A**

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## INVENTION DISCLOSURE FORM

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Note: Detailed instructions for completing this form can be found in Appendix V of Sony's Patent Guide for Engineers and Inventors.

## I. IDENTIFICATION

IPD Case #: 50P4097

(IPD use only)

## 1a. Short Descriptive Title of the Invention:

Integrated Receiver Decoder zooming feature.

## 1b. Short Summary of the Invention:

Provides a zooming feature in EPG's (Elec. Program Guide) description information Parcel.

## 2. Name of Responsible Patent Coordinator (if any):

Business Address:

Business Phone/Fax:

Business Email Address:

## 3. Identify all persons who contributed to the present invention including persons from other Sony Divisions, Sony Japan and Outside Companies. Final determination of inventorship is a legal question which will be resolved at a later time.

(1)

Full Legal Name: Hong Yang

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Division / Company / Location: DMA / Sony Electronics Inc. / San Diego, Building 7

Budget code:

☒ Sony Employee
 ☐ Intern
 ☐ Contractor/Consultant
 ☐ Temp.
 ☐ Other:

Manager's Name: Lori Welte

Business Address: 16450 West Bernardo Drive, San Diego, CA 92127 MZ 7340

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2 of 4

(2)

Full Legal Name: Jenny Su Chow  
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## II. BACKGROUND INFORMATION

- Do you believe this invention was developed while working under or in the performance of experimental, developmental or research work called for by a Government Contract or upon the understanding that a Government Contract would be awarded?  
☒ NO ☐ YES
- Has your invention been disclosed to anyone outside of Sony in a speech, exhibit, presentation, product, product manual, report, lecture, trade show, technical article, publication or otherwise?  
☒ NO ☐ YES
- Is this invention related to any previous Sony Invention Disclosures of which you are aware (made by you or someone else)?  
☒ NO ☐ YES
- If you responded "YES" to any of questions 1-3, please explain below:  
 N/A
- Name of product(s) or project(s) for which this invention was developed:  
 Integrate Receiver Decoder - project A6/M100
- When do you expect a product incorporating this invention to be sold, offered for sale or shown to someone outside of Sony? (If a product or prototype has already been sold, offered for sale or shown, please identify the earliest date this happened.): Year 2000
- Has a working model of the invention been built and tested (or appropriate software been written)?  
☒ NO ☐ YES: If yes, who has witnessed a demonstration, and when?

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4 of 4

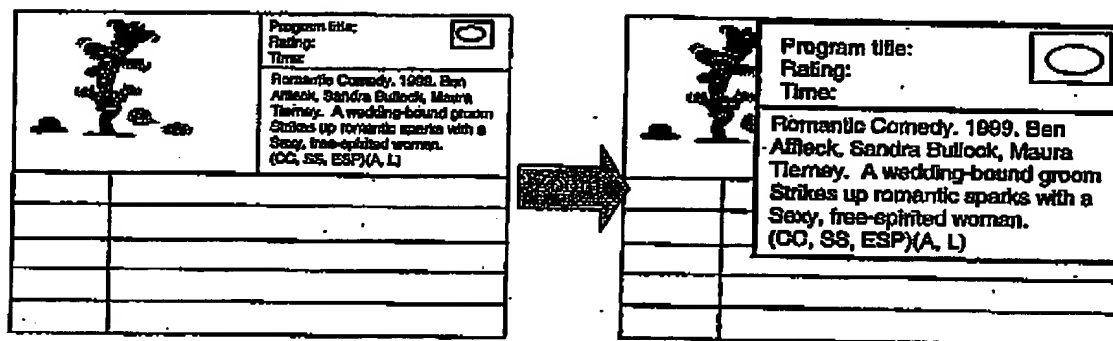
## Invention Disclosure Data Sheet

### Problem:

In the EPG screen, the description information parcel text is too small, especially for small size of TV.

### Solution:

Presses the Zoom key from the remote controller in EPG screen, the DIP area will enlarge 1.5 time. This allows the user to read the current program information easier. EPG screens (Program Guide, Index, and Favorite)



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